

CLAIMS

1. A composition for chemical peeling, comprising at least one keratolytic agent and dimethyl isosorbide.
2. The composition according to claim 1, wherein said
5 keratolytic agent, alone or as a mixture of two or more keratolytic agents, and said dimethyl isosorbide are each contained in a quantity of between 1% and 99% by weight.
3. The composition according to claim 2, wherein said
10 keratolytic agent, alone or as a mixture of two or more keratolytic agents, and said dimethyl isosorbide are each contained in a quantity comprised of between 5% and 40%.
4. The composition according to any of the claims 1 to
15 3, wherein said keratolytic agent, alone or as a mixture of two or more keratolytic agents, and said dimethyl isosorbide are contained in a weight ratio comprised of between 1 : 4 and 4 : 1.
5. The composition according to any of the claims 1 to
20 4, wherein said at least one keratolytic agent is selected from saturated and unsaturated monocarboxylic acids, saturated and unsaturated bicarboxylic acids, tricarboxylic acids, alpha hydroxyacids and beta hydroxyacids of monocarboxylic acids, alpha
25 hydroxyacids and beta hydroxyacids of bicarboxylic

acids, alpha hydroxyacids and beta hydroxyacids of tricarboxylic acids, ketoacids, alpha ketoacids, beta ketoacids, polycarboxylic acids, polyhydroxy monocarboxylic acids, polyhydroxy bicarboxylic acids, 5 polyhydroxy tricarboxylic acids, salts, esters, possible cis or trans forms, racemic mixtures and/or relative dextrorotatory or levorotatory forms thereof.

6. The composition according to claim 5, wherein said at least one keratolytic agent is selected from 10 glycolic acid, tartaric acid, salicylic acid, citric acid, lactic acid, pyruvic acid, gluconic acid, glucuronic acid, malic acid, oxalic acid, malonic acid, succinic acid, acetic acid, phenol, resorcline, retinoic acid, adapalene, trichloroacetic acid, 5- 15 fluoro uracil, azelaic acid.

7. The composition according to any of the claims 1 to 6, further comprising cosmetically or pharmaceutically acceptable solvents and/or cosmetically or pharmaceutically acceptable excipients.

20 8. The composition according to claim 7, wherein said solvents are selected from water, alcohols or glycols and said excipients are selected from emulsifiers, antioxidants, lipid excipients, sequestrants, preservatives.

9. The composition according to any of the claims 1 to 8, said compositions further comprising dimethyl sulphone.

10. The composition according to claim 9, wherein said
5 dimethyl sulphone is contained in a quantity comprised of between 2% and 70% by weight with respect to the keratolytic agent.

11. The composition according to claim 10, wherein said dimethyl sulphone is contained in a quantity
10 comprised of between 10% and 65% by weight with respect to the keratolytic agent.

12. The composition according to any of the claims 1 to 11, said compositions further comprising a derivative or pro-drug of said at least one
15 keratolytic agent which is able to liberate, following administration, the keratolytic agent under the biological conditions of the site for treatment.

13. The composition according to claim 12, wherein said derivative or pro-drug is an ester of said at
20 least one keratolytic agent, or as an ester of the same keratolytic agent used in the compositions or as an ester of a different keratolytic agent.

14. The composition according to claim 13, said ester of said at least one keratolytic agent being selected
25 from ethyl pyruvate, ethyl glycolate, triethyl

citrate, ethyl resorcinatate, the ethyl ester of retinoic acid, ethyl salicylate, methyl salicylate, ethyl malnate, ethyl acetate, ethyl tartrate.

15. The composition according to any of the claims 12
5 to 14, wherein said derivative or pro-drug of said at least one keratolytic agent is contained in a quantity comprised of between 3% and 60% by weight with respect to the keratolytic agent.

16. The composition according to any of the claims 12
10 to 14, wherein said derivative or pro-drug of said at least one keratolytic agent is contained in a quantity comprised of between 15% and 50% by weight with respect to the keratolytic agent.

17. The use of dimethyl isosorbide for the preparation
15 of a composition for chemical peeling comprising a keratolytic agent, wherein said dimethyl isosorbide increases the absorption kinetics of said keratolytic agent.

18. The use of dimethyl sulphone in the preparation of
20 a composition for chemical peeling, as an anti-inflammatory, anti-irritant and antierythema agent.

19. The composition for chemical peeling, comprising
at least one keratolytic agent and a derivative or pro-drug of a keratolytic agent which is able to
25 liberate, following administration, the keratolytic

agent under the biological conditions of the site for treatment.

20. The composition according to claim 19, said derivative or pro-drug being an ester of a keratolytic agent.